

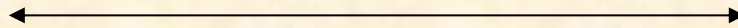
API Standard 622 Test Report

“Type Testing of Process Valve
Packing for Fugitive Emissions”
Second Edition, 2011

Performed for

PBM, Inc.

<http://www.pbmvalve.com>



2" Valve Stem Assembly
Product Code: SK-N042
With Chesterton 1622 Packing
Project Number: 212270
Test Start Date: December 10, 2012



Performed by

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API 622 PROJECT SUMMARY

Customer: PBM, Inc.

Start Date: 10-Dec-12

Project #: 212270

Fixture Information

Test Fixture: 2" valve stem assembly

Product Code: SK-N042

Source of Sample: Customer

Packing Description: Chesterton 1622; SK-N042 - (4) pieces

Test Conditions

Specification: API 622, 2nd Edition, 2011

Test Media: 99% Methane

Test Pressure: 600 psig at ambient temperature

Test Pressure: 600 psig at 500 deg F.

Cycling Rate: 30 seconds per cycle

Cycle Stroke: 1/4 turn

Recommended Packing Nut Torque: 84 - 96 in-lbs

Maximum Allowable Leakage: 100 ppm

Results

Average Test Pressure: 600 psig

Number of Mechanical Cycles Completed: 1510

Number of Thermal Cycles Completed: 5

Number of Packing Adjustments Required: 0

Cycle Number(s) of Packing Adjustments:

Average Leakage Throughout Test: 3 PPM_v

Maximum Leakage Throughout Test: 19 PPM_v

Witness



Matthew J Wasielewski, PE

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